JavaScriptBoost

Presentations

Web Server

How it works

Web server

Files

HTTP server

HTTP Request

HTTP Response

Browser

Static web server

HTTP request

HTTP response
(with HTML)

Web Browser

Web Server
(HTML files)

A dynamic web server

HTTP request

HTTP response
(with HTML)

Web Browser

Web Server

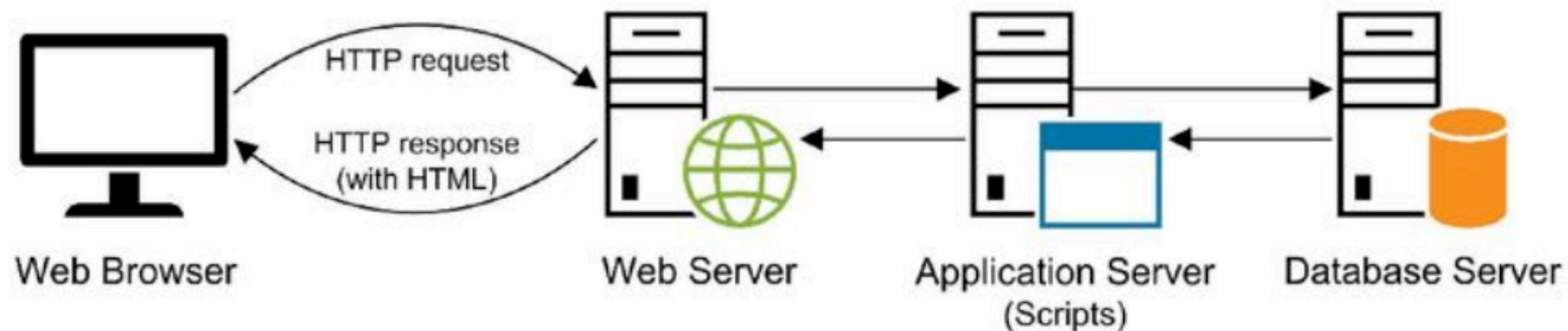Application Server
(Scripts)
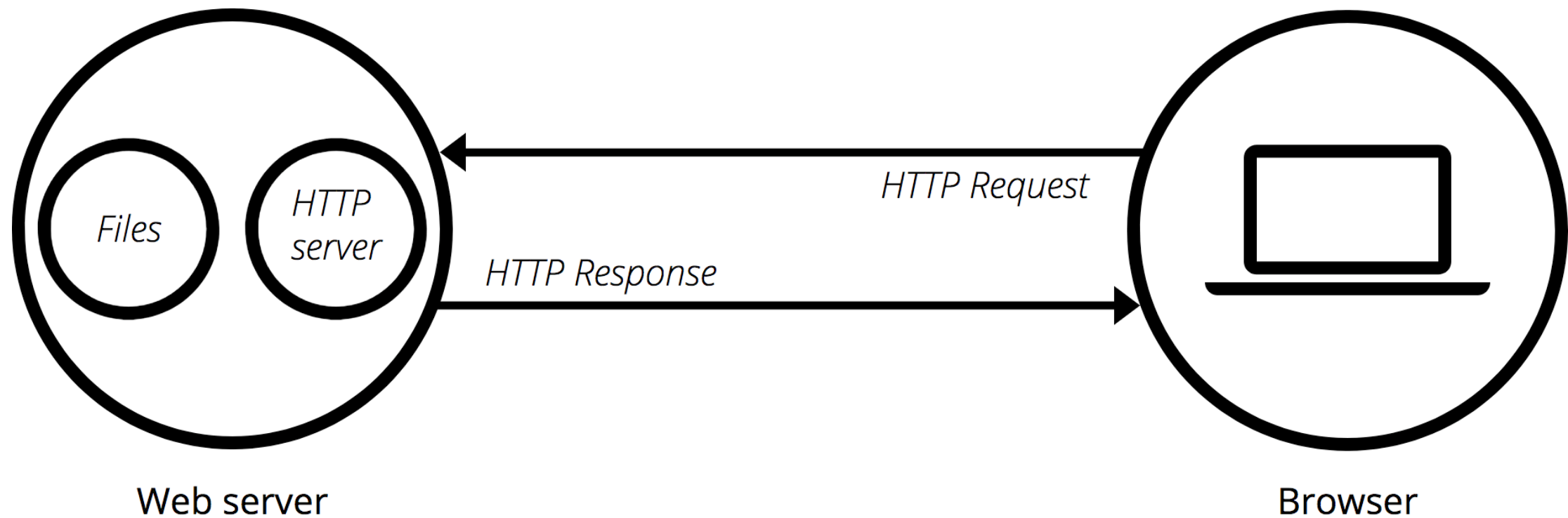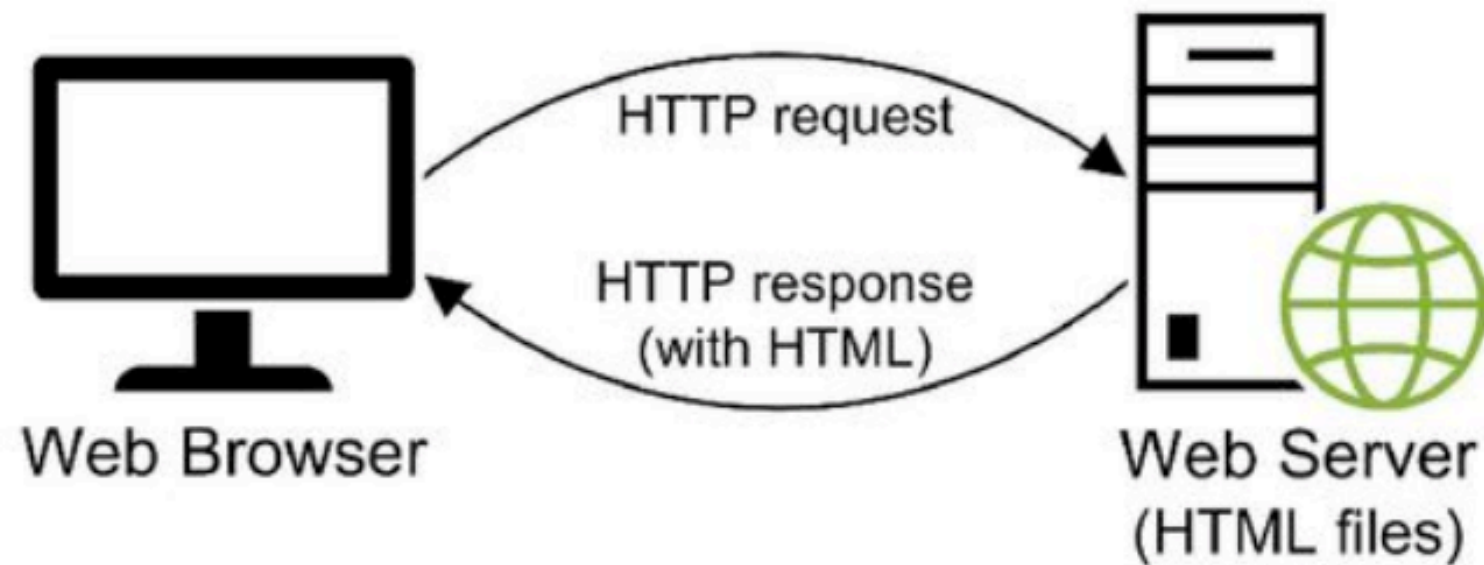
Database Server

Links

- https://developer.mozilla.org/en-US/docs/Learn/Common_questions/What_is_a_web_server

Hosting

Hosting

- Hosting VPS

- Shared Hosting

- GitHub Pages

- CodePen - https://codepen.io/

```
[mike@jupiter:~$ lsb_release -a
No LSB modules are available.
Distributor ID: Debian
Description:    Debian GNU/Linux 7.11 (wheezy)
Release:        7.11
Codename:       wheezy
[mike@jupiter:~$ ls
apps  backup160528  docker  Downloads  iso  marssites20150525  nginx_apps  node_apps  temp  temp_myaksts
mike@jupiter:~$
```

DNS Manager

Linode Manager

Linodes   NodeBalancers   Longview   **DNS Manager**   Account   Support   Documentation   Community

DNS Manager » **codingbootcamp.ru**

SOA Record

Primary DNS	Email	Default TTL	Refresh Rate	Retry Rate	Expire Time	Options
ns1.linode.com	busation@gmail.com	Default	Default	Default	Default	Settings

NS Records

Name Server	Subdomain		TTL	Options
ns1.linode.com	codingbootcamp.ru		Default	Edit | Remove
ns2.linode.com	codingbootcamp.ru		Default	Edit | Remove
ns3.linode.com	codingbootcamp.ru		Default	Edit | Remove
ns4.linode.com	codingbootcamp.ru		Default	Edit | Remove
ns5.linode.com	codingbootcamp.ru		Default	Edit | Remove

Add a new NS record

MX Records

Mail Server	Preference	Subdomain	TTL	Options
mx.yandex.net	10		Default	Edit | Remove

Add a new MX record

A/AAAA Records

Hostname	IP Address	TTL	Options
	212.71.239.153	Default	Edit | Remove
master	139.162.249.218	Default	Edit | Remove
www	212.71.239.153	Default	Edit | Remove

Add a new A/AAAA record

CNAME Records

Hostname	Aliases to	TTL	Options
yamail-d26bb517c211	mail.yandex.ru	Default	Edit | Remove

Add a new CNAME record

TXT Records

Name	Value	TTL	Options
	v=spf1 redirect=_spf.yandex.net	Default	Edit | Remove
mail._domainkey	v=DKIM1; k=rsa; t=s; p=MIGfMA0GCSqGSIb3DQEBAQUAA4...	Default	Edit | Remove

Links

- https://developer.mozilla.org/en-US/docs/Learn/Getting_started_with_the_web/Publishing_your_website
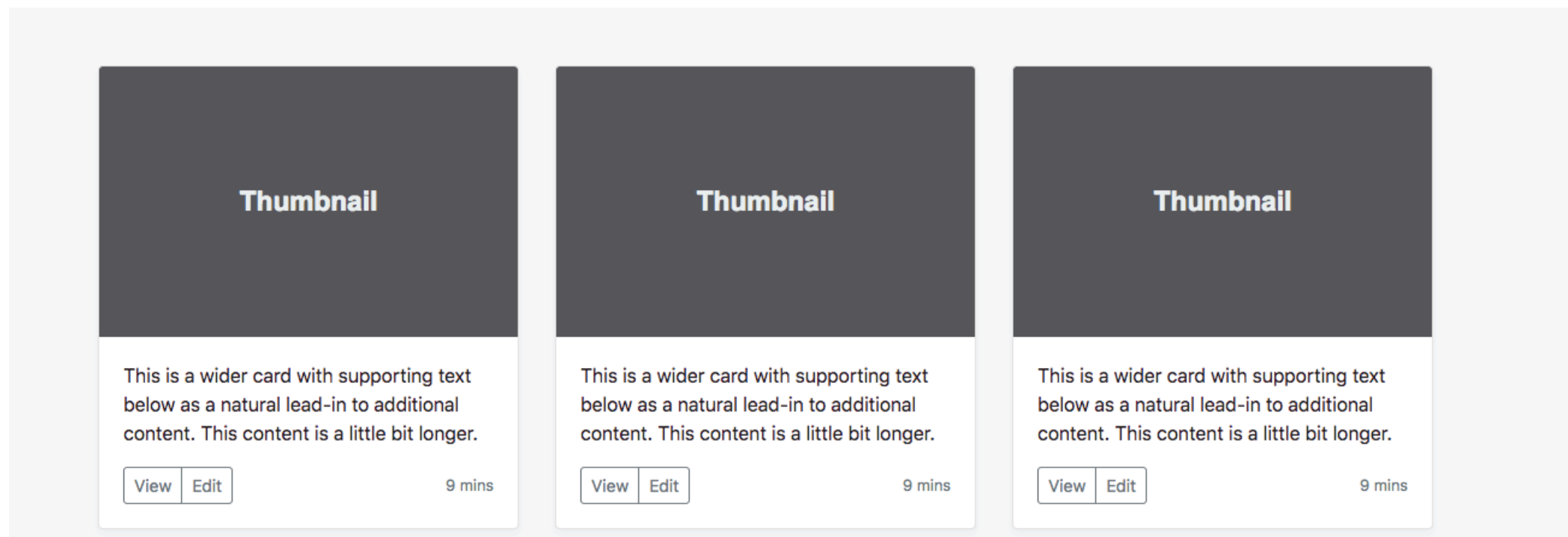
Twitter Bootstrap

What is framework?

It Consist of

- CSS

- JavaScript (jQuery …)

Usage
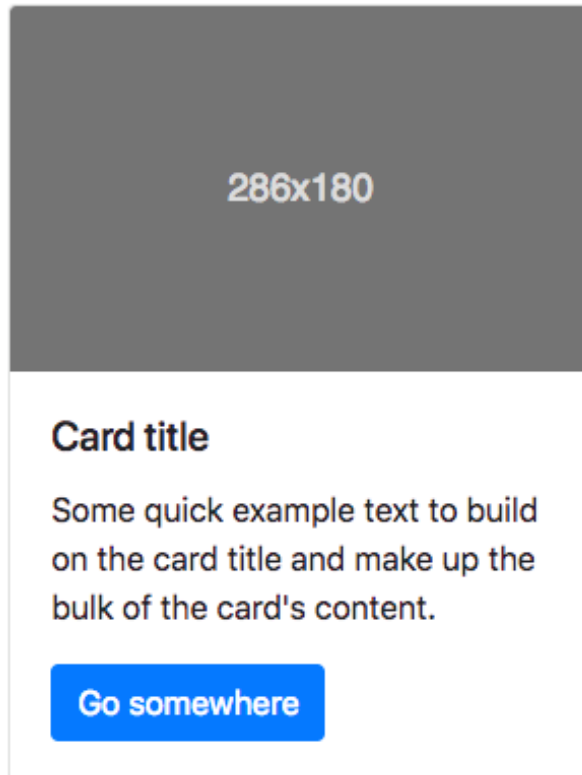


```
<div class="card" style="width: 18rem;">
  <img class="card-img-top" src="..." alt="Card image cap">
  <div class="card-body">
    <h5 class="card-title">Card title</h5>
    <p class="card-text">Some quick example text to build on the card title and make up the bulk of the card's content.</p>
    <a href="#" class="btn btn-primary">Go somewhere</a>
  </div>
</div>
```

Copy

Alternatives

- https://html5boilerplate.com/

- https://material-ui.com/

- https://materializecss.com/

JavaScript

JavaScript in Browsers (Chrome)

JavaScript on Server (Node.js)

ECMAScript

caniuse.com

Links

- http://kangax.github.io/compat-table/es6/

- https://caniuse.com/#search=const